

## San Francisco Chapter Meeting Notice: Tuesday – October 28, 2008

<b>Chair:</b>	<b>Sonny K. Siu</b> 415.901.4318	EYP Mission Critical Facilities <a href="mailto:ssiu@eypmcf.com">ssiu@eypmcf.com</a>	<b>Membership:</b>	<b>Gary Fox</b> 925.969.3608	General Electric <a href="mailto:g.fox@IEEE.org">g.fox@IEEE.org</a>
<b>Vice-Chair:</b>	<b>Jamie Fox</b> 510.769.7600	The Engineering Enterprise <a href="mailto:jamie@engent.com">jamie@engent.com</a>	<b>Member at Large:</b>	<b>Ray Holstead</b> 415.564.0810	Electrical Engineer <a href="mailto:rholstea@pacbell.net">rholstea@pacbell.net</a>
<b>Treasurer:</b>	<b>Finn Schenck</b> 925.244.1900	Integrated Building Solutions <a href="mailto:finn@ibs-cal.com">finn@ibs-cal.com</a>	<b>Member at Large:</b>	<b>Chris J. Lovin</b> 925.454.3754	Eaton Electrical <a href="mailto:ChrisJLovin@eaton.com">ChrisJLovin@eaton.com</a>
<b>Secretary:</b>	<b>Jack Lin</b> 415.551.4894	SFPUC <a href="mailto:jlin@sfwater.org">jlin@sfwater.org</a>	<b>Our web site:</b>	<a href="http://www.ieee.org/sf-ias">http://www.ieee.org/sf-ias</a>	

### Subject: Photovoltaic Power Plant Design

### Speaker: Charles Cunha, P.E., Square D, Inc.,

In this hour and a half presentation, our speaker will give an overview of how panel and inverter selection influences PV design, and also introduce array and field design issues. After a discussion of the NEC PV and utility interconnection requirements, he will illustrate practical examples how to design 20 kW, 100 kW, and 10 MW photovoltaic plants, starting from single line diagrams, and going from calculations to drawings.

Our speaker is Charles Cunha, for Square D, Inc., He serves as a Regional Power Systems Engineer for Square D and received a BS degree in Electrical Engineering from California State University, Fresno in 1983. Charles joined PG&E in 1984 as a planning engineer and joined Roseville Electric serving as the utilities engineering manager. Currently, Charles does power system consulting services for Schneider Electric North America.

Please join us in welcoming our speaker to San Francisco for what is sure to be an interesting and productive session.



Date:	<b>Tuesday October 28, 2008</b>
Time:	5:30 pm (Attitude Adjustment) 6:00 pm (Meeting) 7:00 pm (Dinner)
Location:	Sinbad's Restaurant Pier 2 The Embarcadero San Francisco, CA 94111 415.781.2555
Cost:	<b>\$25 (At the door).</b> Email pre-registration qualifies the registrant for our drawing of an IEEE Color Book at dinner. Email <a href="mailto:jlin@sfwater.org">jlin@sfwater.org</a> for reservations and to qualify for the drawing.
Student Members:	\$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.
Contact:	Jack Lin SFPUC <a href="mailto:jlin@sfwater.org">jlin@sfwater.org</a> 415.551.4894